

## **PROCESS FOR INACTIVATING PATHOGENS IN A BIOLOGICAL MATERIAL**

### **ABSTRACT OF THE DISCLOSURE**

The present invention provides a method for inactivating pathogens in a protein solution. The method includes adding to the protein solution either separately or together as a composition (a) a detergent; and (b) an ester of a di- or tri-carboxylic acid to make a preparation. The ester is generally present in the preparation in a concentration of from about 0.001 to about 2 % (w/w). The detergent is typically present in a concentration of about 0.001 to about 2 % (w/w). The preparation is incubated for a sufficient amount of time sufficient to inactivate the pathogens.

SF 1303151 v1

TOP SECRET

UNITED STATES PATENT AND TRADEMARK OFFICE  
DOCUMENT CLASSIFICATION BARCODE SHEET



# Oath/Declaration, Small Entity, and Power of Attorney

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**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION  
USING AN APPLICATION DATA SHEET (37 CFR 1.76)**

As the below named inventor(s), I/we declare that:

This declaration is directed to:

- ☒ The attached application, or  
☐ Application No. , filed on ,  
☐ as amended on \_\_\_\_\_ (if applicable);

I/we believe that I/we am/are the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought;

I/we have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above;

I/we acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me/us to be material to patentability as defined in 37 CFR 1.56, including material information which became available between the filing date of the prior application and the National or PCT International filing date of the continuation-in-part application, if applicable; and

All statements made herein of my/our own knowledge are true, all statements made herein on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001, and may jeopardize the validity of the application or any patent issuing thereon.

**FULL NAME OF INVENTOR(S)**

Inventor 1 Heinz Anderle Date: \_\_\_\_\_

Signature: \_\_\_\_\_ Citizen of: Austria

Inventor 2 Martin Spruth Date: \_\_\_\_\_

Signature: \_\_\_\_\_ Citizen of: Germany

Inventor 3 Peter Matthiessen Date: \_\_\_\_\_

Signature: \_\_\_\_\_ Citizen of: Germany

Inventor 4 Peter Turecek Date: \_\_\_\_\_

Signature: \_\_\_\_\_ Citizen of: Austria

☒ Additional inventors are being named on form(s) attached hereto.

Burden Hour Statement: This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is used by the public to file (and the PTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This form is estimated to take 1 minute to complete. This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.  
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**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION  
USING AN APPLICATION DATA SHEET (37 CFR 1.76) –  
ADDITIONAL INVENTOR(S)  
Supplemental Sheet  
(Total of 2 forms are submitted.)**

**FULL NAME OF INVENTOR(S)**

Inventor 5: Thomas Kreil

Date:

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Date:

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Date:

Signature:

Citizen of:

Inventor 8:

Date:

Signature:

Citizen of:

Burden Hour Statement: This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is used by the public to file (and the PTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This form is estimated to take 1 minute to complete. This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.  
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